

WHAT IS CLAIMED IS

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1. A communication device comprising:  
detecting means for detecting a signal peculiar  
to a universal serial bus (USB) obtained via the  
USB; and

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disconnecting means for disconnecting a line  
which is being used for a communication when the  
signal peculiar to the USB is not detected by said  
detecting means within a predetermined time.

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2. The communication device as claimed in  
claim 1, wherein the signal peculiar to the USB is  
selected from a group of a frame start (SOF) signal,  
an interrupt transfer request signal, a control  
transfer signal and a bulk IN transfer request  
signal.

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3. The communication device as claimed in  
claim 1, wherein said disconnecting means instructs  
a disconnection of the line which is being used for  
the communication via a command line or a control  
line, with respect to a wireless telephone set which  
is coupled to the communication device.

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4. The communication device as claimed in  
claim 3, wherein said disconnecting means  
disconnects the line which is being used for the  
communication by cutting OFF a power supply of the  
5 wireless telephone set.

10 5. The communication device as claimed in  
claim 1, further comprising:

notifying means for notifying a disconnection  
of the line which is being used for the  
communication.

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20 6. The communication device as claimed in  
claim 5, wherein said notifying means notifies a  
disconnection of the line which is being used for  
the communication using an electronic mail function  
of a wireless telephone set which is coupled to the  
communication device.

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30 7. The communication device as claimed in  
claim 1, further comprising:

log storage means for storing a log of a  
disconnection of the line.

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8. The communication device as claimed in

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claim 7, further comprising:

control means for re-connecting to the line  
which was disconnected using the log of the  
disconnection of the line stored in said log storage  
5 means, when restoring a computer equipment which is  
coupled to the communication device via the USB.

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9. The communication device as claimed in  
claim 1, wherein said detecting means and said  
disconnecting means are built into a connector of a  
cable connecting a computer equipment and a wireless  
15 telephone set.

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10. The communication device as claimed  
in claim 1, wherein said detecting means and said  
disconnecting means are built into one of a computer  
equipment and a wireless telephone set which are  
coupled via the communication device.

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11. The communication device as claimed  
30 in claim 2, wherein said disconnecting means  
instructs a disconnection of the line which is being  
used for the communication via a command line or a  
control line, with respect to a wireless telephone  
set which is coupled to the communication device.

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12. The communication device as claimed  
in claim 11, wherein said disconnecting means  
disconnects the line which is being used for the  
communication by cutting OFF a power supply of the  
5 wireless telephone set.

10 13. The communication device as claimed  
in claim 11, wherein said detecting means and said  
disconnecting means are built into a connector of a  
cable connecting a computer equipment and a wireless  
telephone set.

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14. The communication device as claimed  
20 in claim 11, wherein said detecting means and said  
disconnecting means are built into one of a computer  
equipment and a wireless telephone set which are  
coupled via the communication device.

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